Amendments to the Specification:

Please amend the specification as follows:

Please replace paragraph starting at page 6, line 7, with the following rewritten paragraph:

Moreover, to achieve the above object, the present invention provides the broadband circuit of the first mode of the present invention as a second mode in which a signal source for outputting signal electromagnetic waves and a passive device to be operated in accordance with an input signal are connected by the transmission line into which the line device is inserted, characterized in that the line device inserted into the transmission line includes at least some of spectrums of signal electromagnetic waves in an object frequency band, one end of either of a pair of conductors of the line device is connected to the output terminal of the signal source and the other end of it is connected to the input terminal of the passive device, and the other ends of the conductors are connected to the ground. In the case of the above configuration, it is preferable that the signal source and the line device are connected each other through a device mainly including a reactance component in the object frequency band or the signal source and line device are connected each other through a resistance. Moreover, it is preferable that a frequency component in the object frequency band of the line device among signal electromagnetic waves propagated from the signal source up to the line device is reflected from the line device, a frequency component out of the object frequency band of the line device is propagated to the passive device side by the line device, and **[[an AC]] a DC** component transmits to the passive device side through one of the pair of conductors of the line device connected to the signal source and passive device.

Please replace paragraph starting at page 8, line 6, with the following rewritten paragraph:

Moreover, to achieve the above object, the present invention provides the broadband circuit of the above first mode as a fifth mode, in which a signal source for outputting signal electromagnetic waves and a passive device to be operated in accordance with an input signal are connected by a transmission line into which first and second line devices are inserted,

characterized in that the first and second line devices respectively include some of spectrums of the signal electromagnetic waves in each object frequency band, one end of one of a pair of conductors of the first line device is connected to the output terminal of a signal **[[line]]** **source** and the other end is electrically opened, an end of the other hand opposite to the signal source is connected to one of a pair of conductors of the second line device, at least one end is connected to the ground through a device mainly including a reactance component or resistance in the object frequency band of the first line device, one of a pair of conductors of the second line device whose one end is connected to the first line device is connected to the input terminal of the passive device and both ends of the other of the conductors is connected to the ground. In the case of the above configuration, it is preferable that the first line device and the second line device are connected through a device mainly including a reactance component or resistance in the object frequency band of the second line device. Moreover, it is preferable that a frequency component in the object frequency band of the first line device among signal electromagnetic waves propagated from the signal source up to the first line device is propagated to the second line device side through a line including one of a pair of conductors of the first line device connected with the conductor of the second line device and the ground, the frequency component out of the object frequency band of the first line device enters the line device and attenuates, a frequency component in the object frequency band of the second line device among signal electromagnetic waves propagated up to the second line device is reflected from the second line device, and a frequency component out of the object frequency band of the second line device is propagated to the passive device through the second line device.

Please replace paragraph starting at page 12, line 6, with the following rewritten paragraph:

Furthermore, to achieve the above object, the present invention provides the broadband circuit of the above first mode as a ninth mode in which a signal source for outputting signal electromagnetic waves and a passive device to be operated in accordance with an input signal are mutually connected by a transmission line into which a first line device is inserted and a power supply for supplying power to the signal source and the first

line device are connected through a second line device, characterized in that the first and second line devices include spectrums of signal electromagnetic waves in their object frequency bands, one end of one of a pair of conductors of the first line device is connected to the output terminal of the signal source and the other end is connected to the input terminal of the passive device, at least one end of the other hand is connected to the second line device through a terminal resistance, one end of one of a pair of conductors of the second line device is connected to the first line device through the terminal resistance, the other end is connected to the power supply, both ends of the other hand are connected to the ground. In the case of the above configuration, it is preferable that a frequency component in the object frequency band of the first line device among signal electromagnetic waves propagated up **[[t]]** **to** the first line device from the signal source is propagated to the passive device side through a line including one of a pair of conductors of the first line device connected to the signal source and passive device and the ground, a frequency component out of the object frequency band of the first line device is propagated to the passive device side through the first line device, a DC component is transmitted to the passive device side through one of a pair of conductors of the first line device connected to the signal source and passive device.

Please replace paragraph starting at page 17, line 14, with the following rewritten paragraph:

Reference numerals 1a, 2a, 4a, and 5a show high-frequency signals. Reference numerals 1b, 2b, 4b, and 5b show low-frequency signals. Reference numerals 1c, 4c, and 5c show **[[AC]]** **DC** signals. Reference numerals 10a, 10b, 10c, 10d, 20a, 20c, 20d, 30a, 30b, 30c, 30d, 40a, 40b, 40c, 40d, 50a, 50b, 50c, and 50d show wiring patterns. Reference numerals 11, 21, 31, 41, and 51 show drivers. Reference numerals 12, 23, 24, 322, and 332 show coils. Reference numerals 13, 22, 42, 46, 47, 52, 56, 57, 321, and 331 show LILC. Reference numerals 13a, 13b, 13c, 13d, 22a, 22b, 22c, 22d, 42a, 42b, 42c, 42d, 46a, 46b, 46c, 46d, 52a, 52b, 52c, 52d, 56a, 56b, 56c, 56d, 57a, 57b, 57c, 57d, 321a, 321b, 321c, 321d, 322a, 322b, 322c, and 322d show terminals of LILCs. Reference numerals 14, 25, 35, 45, and 55 show receivers. Reference numerals 18a, 18b, 28a, 28b, 38a, 38b, 38c, 38d, 48a, 58a, and 58b show wirings. Reference numerals 19, 43, 44, 53, and 54 show resistances.

Reference numerals 81a, and 81b show grounding conductors. Reference numeral 82 shows a signal transmission conductor. Reference ~~numeral~~ **numerals** 83 **and 113 show dielectrics** ~~shows a dielectric~~. Reference numerals 111, 112, 211, 212, 311, 312, 411, and 412 show inverter buffers. Reference numerals 111a, 111b, 112a, 112bv, 211a, 211b, 212a, 212b, 311a, 311b, 312a, 312b, 411a, 411b, 412a, 412b, 511a, 511b, 512a, and 512b show transistors. Reference numeral 130 shows a sealing material. Reference numeral 131 shows a first conductor. Reference numeral 132 shows a second conductor.

Please replace paragraph starting at page 18, line 15, with the following rewritten paragraph:

A line having the strip structure shown in Figure 5 is considered. In the case of this line, **[[AC]]** **DC** propagates through grounding conductors 81a and 81b and a signal transmission conductor 82 and an electromagnetic wave propagates through a dielectric 83. When assuming that the resistance and loss of the line can be ignored to simplify the description, the characteristic impedance Z0 of this strip line is shown by the expression (1).

Please replace paragraph starting at page 28, line 11, with the following rewritten paragraph:

Operations of the HPF circuit are described below. Figures 17(a) to 17(c) show states in which pulse signal waves output from the driver 21 pass through an LPF circuit. As shown in Figure 17(a), the pulse signal waves output from the driver 21 reach the LILC 22 through a line including the wiring 28a and the ground. In the case of this embodiment, because the terminal 22b of the LILC 22 is opened, the **[[AC]]** **DC** component (**[[AC]]** **DC** signal) of a pulse signal is not transferred. An electromagnetic component (high-frequency signal 2a) having a high frequency and capable of regarding the LILC 22 as a line among pulse signal waves reaching the LILC 22 is influenced by mismatching between the impedance of the wiring 28a and the impedance of the LILC 22. In this case, because Z0/Z2 ≒.0, the high-frequency signal does not enter the LILC 22 but reaches the gate terminal of the receiver 25 by passing the gap between one of the conductors connected to the ground through the coil 23 and the ground as shown in Figure 17(b). That is, the high-frequency signal proceeds to the

receiver 25 side by bypassing the LILC 22 through a line including one of the conductors of the LILC 22 having terminals 22c and 22d and a ground plane.